

## HUSQVARNA TECHNICAL BULLETIN TB1503

NOVEMBER 18, 2014

**RECALL: This modification has top priority and must be performed immediately to ensure customer safety**

**Subject: Factory Direct Modification Campaign – Front Forks – Inspection for proper tightening torque of Piston Rod to Fork Cap**

**Affected 2015 Models: FE 350S, FE 501S**

**Restrictions: Affected models are linked by VIN in HusqvarnaDealer.net  
(See NOTE listed below on page 2)**

### Initial Information:

- Husqvarna Motorcycles North America has determined that a defect which relates to motor vehicle safety exists with selected 2015 models: FE 350S, FE 501S pertaining to the proper tightening torque of the piston rod on the front fork cap. To ensure the highest level of safety, performance, reliability and customer satisfaction, it is necessary to have the tightening torque of the piston rod to the fork cap inspected on all affected units.
- On affected models, during use there is a possibility that the piston rod could loosen and become detached from the fork cap. This could cause the piston rod to become locked within the fork tube which may result in improper fork performance, potentially destabilizing the front end of the motorcycle; this could lead to an accident which could cause injury or death to the rider or others.
- It has been determined that the cause of the defect is due to a change in the production process at the fork supplier, resulting in improper tightening torque of the piston rod to the fork cap. To remedy this defect, the supplier has changed its torqueing procedure to achieve the proper tightening torque of the piston rod to the fork cap.
- Husqvarna Motorcycles is notifying all registered owners of the above affected motorcycles by mail. A copy of the customer letter is included in this bulletin. The customer should take the letter along with the affected motorcycle to an authorized Husqvarna Motorcycles Dealer to have the tightening torque of the piston rod to the fork cap checked.

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**NOTE: This Technical Bulletin only affects certain VIN numbers! Please check the VIN by performing a Motorcycle History search in Husqvarna Dealer.net to determine if it's affected. If the motorcycle is affected you will see a link to the bulletin and its repair status in the history results. Husqvarna Motorcycles North America will not warranty units whose VIN numbers are not listed as this bulletin does not apply to them. It is the responsibility of the dealer to determine if the unit requires this update by checking the vehicle history and understanding the instructions provided by this bulletin.**

- You must perform this tightening torque check on all affected motorcycles in your inventory prior to any customer delivery. Any affected FE 350S, FE 501S models received directly from Husqvarna Motorcycles requires the above mentioned inspection prior to customer delivery. Affected units acquired through Husqvarna Motorcycles dealer transfers or trades must be remedied and checked in dealer.net to ensure and document that the repair has been performed.
- Motorcycles that are affected should not be operated until the tightening torque of the piston rod to the fork cap has been verified. It is a violation of Husqvarna Motorcycles policy for an authorized Husqvarna Motorcycles Dealer to deliver any affected unit to customers until the procedure in this bulletin has been performed.
- Husqvarna Motorcycles must report to the federal government on a regular basis how many units have been repaired during this campaign. Be sure to submit your Warranty Request for Reimbursement on every unit repaired to ensure accurate compliance numbers.

### Procedure for Inspection / Repair:

**Please refer to the proper model repair manual for detailed information.**

1. Place the motorcycle on a lift-stand with the front wheel suspended.
2. Remove the handlebar clamps and place handlebar in front of number plate (Photo 1).
3. Loosen the 4 top triple clamp 10mmHH fork holding screws (Photo 2).



**Photo 1**



**Photo 2**

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4. Loosen the fork cap with special tool T14047 to expose all threads (Photo 3).
5. Position the front wheel with the fork legs compressed and exposing the spring, cap and piston rod nut (Photo 4).



Photo 3



Photo 4

6. Using the special tool T14047 and a 19mm wrench, loosen the cap counter-clockwise from the piston rod nut.
7. Tighten the cap clockwise to the piston rod nut, torque to 18Nm / 13.3lb-ft. (Photo 5).
8. Using an automatic center punch only, place a "dot" on the nut indicating the repair is completed (Photo 6).
9. Steps 4-8 must be performed on both forks before assembling in reverse order of disassembly.



Photo 5



Photo 6

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### Warranty Input Information:

- Please note that when entering a warranty claim on an affected model, you will choose **TI Warranty Inc. Campaign Code** from the drop down list and then enter the vehicles **VIN** in the box to the right and click **NEXT**
- You can now choose the TI Number from the drop down box. The TI number for this procedure is **G.14.256.01** and click **NEXT**
- The Warranty Claim is automatically entered for you, including labor. You must enter additional information in the required fields marked with an orange asterisk "\*" before submitting the claim to Husqvarna Motorcycles. The flat rate for this repair is 25 minutes.

Warranty claim input information	
Warranty type:	TI warranty
Subassembly group:	01 Front Fork
Failure code:	450 Loose
Part causing failure:	48601035S Spring Guide CPL.
Campaign code:	G.14.001.01
Spare parts:	N/A
Labor time:	T3900201970 25 minutes
Stock parts affected: NO	

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